

FORM 1449 MAY 01 2006 PATENT & TRADEMARK OFFICE	<b>INFORMATION DISCLOSURE STATEMENT</b>		Docket Number: 10873.1857USWO	Application Number: 10/565,974
	IN AN APPLICATION		Applicant: OTSU et al.	
	(Use several sheets if necessary)		Filing Date: January 26, 2006	Group Art Unit: unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
85	US 6,194,187	February 2001	Miyazono et al.			
	US 2003/0100049	May 2003	Guo et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
85	WO 02/38179	May 2005	WIPO			Abstract
	<del>JP 10-000093</del>	<del>January 1998</del>	<del>JAPAN</del>			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
85			PATTEN, R. et al., "Ventricular remodeling and its prevention in the treatment of heart failure", <i>Current Opinion in Cardiology</i> , Vol. 13, pp. 162-167 (1998)			
		→	OLIVETTI, G. et al., "Acute Myocardial Infarction in Humans is Associated with Activation of Programmed Myocyte Cell Death in the Surviving Portion of the Heart", <i>J Mol Cell Cardiol</i> , Vol. 28, pp. 2005-2016 (1996)			
		→	CHENG, W. et al., "Programmed Myocyte Cell Death Affects the Viable Myocardium after Infarction in Rats", <i>Experimental Cell Research</i> , Vol. 226, pp. 316-327 (1996)			
			HIROTA, H. et al., "Loss of a gp130 Cardiac Muscle Cell Survival Pathway Is a Critical Event in the Onset of Heart Failure during Biomechanical Stress", <i>Cell</i> , Vol. 97, pp. 189-198 (1999)			
			ICHJO, H., et al., "Induction of Apoptosis by ASK1, a Mammalian MAPKKK THAT Activates SAPK/JNK and p38 Signaling Pathways", <i>Science</i> , Vol. 275, pp. 90-94 (1997)			
		→	SAITOH, M., et al., "Mammalian thioredoxin is a direct inhibitor of apoptosis signal-regulating kinase (ASK) 1", <i>The EMBO Journal</i> , Vol. 17, No. 9, pp. 2596-2606 (1998)			
		→	TOBIUME, K., et al., "ASK1 is required for sustained activations of JNK/p38 MAP kinases and apoptosis", <i>EMBO Reports</i> , Vol. 2, No. 3, pp.222-228 (2001)			
			NAKAYAMA, H., et al., "Cardiac-specific overexpression of a high Ca <sup>2+</sup> affinity mutant of SERCA2a attenuates in vivo pressure overload cardiac hypertrophy", <i>The FASEB Journal</i> , pp.02-474jc. (2002)			
		DATE, M., et al., "The Antioxidant N-2-Mercaptopropionyl Glycine Attenuates Left Ventricular Hypertrophy in In Vivo Murine Pressure-Overload Model", <i>Journal of American College of Cardiology</i> , Vol. 28, No. 5, pp.907-912 (2002)				

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 SHERIDAN SWOPE, PH.D.  
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



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		OTSU, K., et al., "Disruption of a single copy of the p38 $\alpha$ MAP kinase gene leads to cardioprotection against ischemia-reperfusion", <i>Biochemical and Biophysical Research Communications</i> , pp.56-60 (2003)
		HIROTANI, S., et al., "Involvement of Nuclear Factor- $\kappa$ B and Apoptosis Signal-Regulating Kinase 1 in G-Protein-Coupled Receptor Agonist-Induced Cardiomyocyte Hypertrophy", <i>Circulation</i> , pp.509-515 (2002)
		YAMAGUCHI, O., et al., "Targeted Deletion of apoptosis signal-regulating kinase 1 attenuates left ventricular remodeling", <i>The National Academy of Sciences</i> , Vol. 100, No. 26, pp. 15883-15888 (2003)
		HIGUCHI, Y., et al., "The Small GTP-binding Protein Rac1 Induces Cardiac Myocyte Hypertrophy through the Activation of Apoptosis Signal-regulating Kinase 1 and Nuclear Factor- $\kappa$ B*", <i>The Journal of Biological Chemistry</i> , Vol. 278, No. 23, pp. 20770-20777 (2003)
		FORCE, T., et al., "Apoptosis Signal-Regulating Kinase/Nuclear Factor- $\kappa$ B - A Novel Signaling Pathway Regulates Cardiomyocyte Hypertrophy", <i>Circulation</i> , pp.402-404 (2002)
		HE, X., et al., "ASK1 Associated with Troponin T and Induces Troponin T Phosphorylation and Contractile Dysfunction in Cardiomyocytes", <i>American Journal of Pathology</i> , Vol. 163, No. 1, pp.243-251 (2003)
		ISHIKAWA, <i>Uehara Memorial Life Science Foundation Research Report Collection</i> , Vol. 17, pp. 419-421, with Partial Translation (2003)
		AIKAWA, R., <i>Progress of Medicine</i> , Vol. 193, pp.128-129, with Partial Translation (2000)

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